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Docket No. 122.1048-CIP-RE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of:

Keishin NAGAOKA et al.

Group Art Unit: unassigned

Serial No.: 09/938,303

Filed: August 24, 2001

Reissue Patent No.: 5,943,032

Examiner: unassigned

For: METHOD AND APPARATUS FOR CONTROLLING THE GRAY SCALE OF  
PLASMA DISPLAY DEVICE

**REISSUE APPLICATION DECLARATION UNDER 37 C.F.R. § 1.175**

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

We, Keishin NAGAOKA, Masaya TAJIMA, Yoshimasa AWATA, Yoshikazu  
KANAZAWA, and Toshio UEDA declare that:

1. Our residence, post office address and citizenship are as stated below next to our  
respective names.

2. We believe we are the original, first joint inventors of the subject matter which  
is described and claimed in U.S. Letters Patent No. 5,943,032 ("the '032 patent") granted on  
August 24, 1999, and for which invention we solicit a reissue patent on the invention entitled  
METHOD AND APPARATUS FOR CONTROLLING THE GRAY SCALE OF PLASMA  
DISPLAY DEVICE, the specification of which is attached hereto.

3. We do not know and do not believe that said invention was ever known or used in the United States before our invention thereof.

4. We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims as amended in the attached reissue application.

5. We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to us which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

6. We hereby claim priority benefit under Title 35, United States Code, Section 119(a)-(d), of Japanese Patent Application No. 05-288345, filed November 17, 1993; and there are no other foreign applications for patent or inventor's certificate having a filing date before the earliest of the applications on which priority is claimed.

7. This reissue application is being filed within two years of the issue date of U.S. Patent No. 5,943,032, and Applicants intend to broaden the claims.

8. We believe the original '032 patent to be wholly or partly inoperative or invalid by reason of claiming more or less than we had the right to claim in the patent, without any deceptive intent on our part.

9. With respect to the claims, one error relied upon as a basis for the reissue is the fact that claims 1, 3, 18 and 27 essentially recite that a ratio of brightness of subframes is calculated so as to substantially correspond with a ratio of the weight values of the plurality of subframes when actually, according to the invention, the ratio of brightness is not calculated

but, rather, numbers of sustain emissions of the plurality of subframes are calculated.

10. Additionally, support for reciting that numbers of sustain emissions of the plurality of subframes are calculated exists in the specification at col. 3, lines 31-35.

11. All errors, including those listed above, which are being corrected up to the time of filing of this reissue declaration arose without any deceptive intention on the part of the applicants (37 CFR §1.175(a)(2)).

12. We hereby appoint the attorneys and/or agents of Staas & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence related to the above-identified application to the following address:

Staas & Halsey LLP  
700 Eleventh Street, N.W.  
Suite 500  
Washington, D.C. 20001



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PATENT TRADEMARK OFFICE

13. We hereby declare that all statements made herein of our own knowledge are true, that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the

United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor Keishin NAGAOKA

Inventor's Signature Keishin Nagaoka Date August 23, 2001

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